Docket Number JHV-009 01

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DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural are listed below) of the subject matter which is cialmed and for which a patent is sought on the invention entitled: Mp

CONTROLLED RELEASE OF BIOACTIVE SUBSTANCES the specification of which (check one)

was filed on July 23, 1999 as United States Application Number 09/359,593.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as diversity.

Lacknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulation, §

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

() Yes () No Prior Foreign Application(s) (Day/Month/Year Filed) () Yes () No (Country) (Number) (Day/Month/Year Filed) I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States Provisional application(s) listed below. July 23 23, 1998 (Filing Date) (Application Number)

Thereby claim the benefit under Title 35. United States Code, § 120 of any United States application (s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by subject matter of each of the claims of this application is not disclosed in the prior United States application which is matterial to paternaph of Title 35. United State Federal Regulations, § 1.5b which became available between the filing date of the prior the filing date of the prior the prior than the prior t (Status - patented, pending, abandoned)

(Filing Date) (Application Number)

(Status - patented, pending, abandoned)

Lhereby appoint Beth E. Arnold, Reg. No. 35,430; Charles H. Cella, Reg. No. 38,039; Kirk A. Damman, Reg. No. 38,936; Robert A. Reg. No. 42,581; Dana Gordon, Reg. No. 44,75; Edward J. Kelly, Reg. No. 38,936; Robert A. No. 42,581; Dana Gordon, Reg. No. 44,75; Edward J. Kelly, Reg. No. 38,936; Robert A. No. 23,376; Wolfgang C. Reg. No. 38,936; Robert A. Mazzarese, Reg. No. 28,285; Chinh H. Pipara, Reg. No. 39,579; Philip C. Swain, Reg. No. 39,376; Wolfgang C. Reg. No. 38,079; All 20,255; Kingsley L. Tafr. Reg. No. 43,946; Anita Varma, Reg. No. 45,221; and Matthew P. Vincench. Reg. No. 39,079; as attorneys to prosecute this application and to transact all business in the Patent and Tradsmark Office connected therewith.

Address all telephone calls to Kingsley L. Taft at telephone number (617) 832-1169.

Address all correspondence to:

Patent Group Foley, Hoag & Eliot LLP One Post Office Square Boston, Ma. 02109-2170

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that withful false statements and the like so made are pure habit by fine or timpstompref, to both inder Section 1001 of Title 15 of the United States Code and that such wilfful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole of first grypting (great pame, family name) <u>Robert I. Garver</u> Inventor's signature Residence 115 Royal Bond Saho, Whover, Aladama, 35243 Post Office Advises Samo as abova

Date 3/14/00 Citizenship United States

Full name of second joint inventor, if any (given name, family name) Subramanian Kalvanasyundaram, Sate Chizenship India

ruii name oi second joint illines. Apl. 301. Gallhersburg, Maryland, 20878. Residence 355 W. Side Unive. Apl. 301. Gallhersburg, Maryland, 20878. Post Office Address Same as above

Full name of third joint inventor, if any (given name, family name) Kam W. Leong

Citizenship United States

Inventor's signature of the Control of the Control

FULEY HOAG & ELIUT LLP

NO.952

Docket Number JHV-009.01

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plure), names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: Maz / Abo

CONTROLLED RELEASE OF BIOACTIVE SUBSTANCES

the specification of which (check one)

was filed on July 23, 1999 as United States Application Number 09/359.593.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as by any amendment referred to above.

Lacknowledge the duty to disclose Information which is material to patentability as defined in Title 37, Code of Federal Regulation, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, \$ 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing data before that of the application on which priority is claimed.

Prior Foreign Application(s) () Yes () No (Day/Month/Year Filed) (Country) () Yes () No (Number) (Day/Month/Year Filed) (County) I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States Provisional application(s) listed below.

July 23, 1998

(Filing Date) (Application Number) (Filing Date)

Thereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by subject matter of each of the 15 to 15 to

(Status - patented, pending, abandoned) (Filing Date) (Application Number) (Status - patented, pending, abandoned) (Filing Date)

Thereby appoint Berth E. Amold, Reg. No. 35,430; Charles H. Cellis, Reg. No. 38,299; Kirk A. Damman, Reg. No. 42,461; Jason Gish, Reg. No. 42,561; Dana Gordon, Reg. No. 44,719; David P. Halstead, Reg. No. 44,755; Edward J. Kelly, Reg. No. 38,335; Robert A. Reg. No. 42,852; Chinn H. Fham. Reg. No. 38,335; Philip C. Swalin Hardy S. 475; Worldgarg E. Stuttus, Reg. No. 40,255; Kingaley E. Tist. Reg. No. 43,546; Ania Varmar, Reg. No. 45,242; and Marghw P. Vincent, Reg. No. 36,709 as attorneys to 40,255; Kingaley E. Vincent, Reg. No. 36,709 as attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewire.

Address all telephone calls to Kingsley L. Taft at telephone number (617) 832-1169

Address all correspondence to:

Patent Group Foley, Hoag & Ellot LLP One Post Office Square Boston, Ma. 02109-2170

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are not inshable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor (given name, family name) Robert I. Garver Date Citizenship United States Inventor's signature Residence 2116 Royal Fern Lane, Hoover, Alabama, 35244 Post Office Address Same as above

Full name of second joint inventor, if any (given name, family name) Subramanian Kalvanasundaran Date Citizenship India

Inventor's signature Residence, 355 W. Side Drive, Apt. 301, Gaithersburg, Maryland, 20878 Post Office Address Samo as above Full name of third joint inventor, if any (pivon name, family name) <u>Kam W. Leons</u> inventor Sonable <u>Residence Oly 24 procepting Road, Silicent City Alb 21234</u>
Post Office Address Same as a november of Additional inventors are being named on sap Date 3/14/00 Citizenship United States re being named on separately numbered sheets attached hereto

GTI FOLEY HOAG & ELIOT L

NO.045 E36.0N

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Docket Number JHV-009.01

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DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that

My residence, post office address and citizenship are as stated below next to my name.

| believe | am the original, first and sole [nyenter (if only one name is stated below) or an enginal, first and joint inventor (if plural numer) are issue below) of the subject matter which is claimed and for which a parent is ought on the Inventor critical: 7

CONTROLLED RELEASE OF BIOACTIVE SUBSTANCES

the specification of which (check one)

is attached hereto. was filed on July 23, 1889 as United States Application Number 08/359,593.

May ? ? 3000 | heroby state that | have reviewed and understand the contents of the above identified appointation, including the dalms, as a the

Lacknowledge the duty to disclose knomnation which is material to patentability as defined in Title 37, Code of Federal Regulation, § 1.56.

hereby elalin foreign priority paneritis under Title 35. United States Code, 5 119(a)(d) of any foreign application of the patent or

hereby slaim foreign priority	hansilis under Title 35, United Sta low and have also identified below	any foreign application for patent or inventor.	e conflicate having a filing
date belong that of me abbits	ation on which priority is cisimed.		Priority Claimed
Prior Foreign Application(s)			() Yes () No
(Number)	(County)	(Day/Month/Year Filed)	() Yes () No
(Number)	(County) er Title 35, United Status Code. § 115	(Day/Month/Year Filed) R(a) of any United States Provisional application(:	s) listed pelaw.
60/083.948 (Application Number)	July 23, 1998 (Filling Date)	-	,
(Application Number)	(Fulfid Date)	1	

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insafar as the subject mailtand seach of the deliting of this application in the name provided by subject mailtand in 17 life 35. United States Code, § 12, I acknowledge the divide clientees information of 17 life 35. United States Code, § 12, I acknowledge the divide clientees information in the name of the provided by additional formation which is national to part of the prior application and this national or PCT international filling date of this application.

(Application Number)	(Filing Date)	(Status - patented, pending, abandone	a) -
(Application Number)	(Filing Date)	(Status - patented, pending, abandons	त) Sinh
I hereby appoint Beth E. Arnold, Reg. No. 3 Reg. No. 42 381; Dane Gordon, Reg. No. 4	5,430: Charles H. Cella, Reg. No. 3: 4,719: David P. Haisteud, Reg. No. m. Reg. No. 39,329: Philip C. Swaln,	8 000: Kirk A. Damman, Rog. No. 42,451; Jason 44,735; Edward J. Kelly, Rag. No. 36,335; Ragel Fag. No. 32,375; Volfgang E. Sjutius, Rag. No. 400,000; Ragel Rag. No. 36,708 as attorneys neith Critica connected therewith.	t A.
40,256: Kingsley L. Taft, Reg. No. 43,546; / prosecute this application and to transact al	Ames Varma, Reg. No. 43,221; and I business in the Patent and Traden	Matthew P. Vincent Reg. Tax.	-

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Full name of sole or first inventor (given name, family name) <u>Robert I. Garyar</u> Citizenship United States inventor's signature
Residence 210 Royal Forn Lane, Hogyer, Alabama, 39244.
Peet Office Address Same 28 Bodys.

Full name of second joint investor, if any (given name, family name) <u>Subramanian Kalvanasundaram</u> inventor's algositic Residence <u>USV</u> <u>distribute</u> <u>301</u> 10 mesiliharabura, Mandardi, 20278 Post Office Address Sandara pa Date March 16, 2000

Full name of third Joint inventor, if any (given name, family name) Kem W. Laond Circumeble United States The flat of the control of the contr

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Robert I. Garver et al.

Serial No.: 09/359,593 Filed: July 23, 1999

Title: CONTROLLED RELEASE OF BIOACTIVE SUBSTANCES

Atty Docket No.: JHV-009.01

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS (37 CFR 1.9(f) & 1.27)-NONPROFIT ORGANIZATION

I HEREBY DECLARE THAT I AM AN OFFICIAL EMPOWERED TO ACT ON BEHALF OF THE NONPROFIT ORGANIZATION

Name of Nonprofit Organization: University of ALABAMA BIRMINGHAM RESEARCH FOUNDATION

Address of Nonprofit Organization: 701 SOUTH 20TH STREET, SUITE 1120-G. BIRMINGHAM, AL. 35294

TYPE OF NONPROFIT ORGANIZATION:

[X] UNIVERSITY OR OTHER INSTITUTION OF HIGHER EDUCATION

TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 U.S.C. 501(a) and 501 (c)(3))

INCREMENTAL INTERNAL ALTERNAL SERVICE CODE (AU 0.3.0. 30.10) and 30.1 (0.3) INCREMENTAL INCREMENTAL OF STATE OF THE UNITED STATES OF INCREMENTAL INCRE [] WOULD QUALIFY AS TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 U.S.C. 501(a) and

[] WOULD QUALIFY AS NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE 501(c)(3)) IF LOCATED IN THE UNITED STATES OF AMERICA

UNITED STATES OF AMERICA IF LOCATED IN THE UNITED STATES OF AMERICA 1 HEREBY DECLARE THAT THE NONPROFIT ORGANIZATION IDENTIFIED ABOVE QUALIFIES AS A NONPROFIT ORGANIZATION AS DEFINED IN 37 CFR 1.9(E) FOR PURPOSES OF PAYING REDUCED FEES TO THE UNITED STATES

PATENT AND TRADEMARK OFFICE REGARDING THE INVENTION IDENTIFIED ABOVE. I HEREBY DECLARE THAT RIGHTS UNDER CONTRACT OR LAW HAVE BEEN CONVEYED TO AND REMAIN WITH THE

NONPROFIT ORGANIZATION REGARDING THE ABOVE-IDENTIFIED INVENTION. IF THE RIGHTS HELD BY THE NONPROFIT ORGANIZATION ARE NOT EXCLUSIVE, EACH INDIVIDUAL, CONCERN OR ORGANIZATION HAVING RIGHTS IN THE INVENTION IS LISTED BELOW, AND NO RIGHTS TO THE INVENTION ARE HELD BY ANY PERSON, OTHER THAN THE INVENTOR WHO WOULD NOT QUALIFY AS AN INDEPENDENT INVENTOR UNDER 37 CFR 1.9(C) IF THAT PERSON MADE THE INVENTION, OR BY ANY CONCERN WHICH WOULD NOT QUALIFY AS A SMALL

BUSINESS CONCERN UNDER 37 CFR 1.9(D) OR A NONPROFIT ORGANIZATION UNDER 37 CFR 1.9(E). "NOTE: SEPARATE VERIFIED STATEMENTS ARE REQUIRED FROM EACH NAMED PERSON, CONCERN OR ORGANIZATION HAVING RIGHTS TO THE INVENTION AVERRING TO THEIR STATUS AS SMALL ENTITIES (37 CFR 1.27)

NAME Johns Hopkins University School of Medicine

ADDRESS 111 Market Place, Suite 906, Baltimore, MD 21202

] INDIVIDUAL [] SMALL BUSINESS CONCERN [X] NONPROFIT ORGANIZATION

I ACKNOWLEDGE THE DUTY TO FILE, IN THIS APPLICATION OR PATENT, NOTIFICATION OF ANY CHANGE IN STATUS RESULTING IN LOSS OF ENTITLEMENT TO SMALL ENTITY STATUS PRIOR TO PAYING, OR AT THE TIME OF PAYING, THE EARLIEST OF THE ISSUE FEE OR ANY MAINTENANCE FEE DUE AFTER THE DATE ON WHICH STATUS AS A SMALL ENTITY IS NO LONGER APPROPRIATE. (37 CFR 1.28(B))

I HEREBY DECLARE THAT ALL STATEMENTS MADE HEREIN OF MY OWN KNOWLEDGE ARE TRUE AND THAT ALL STATEMENTS MADE ON INFORMATION AND BELIEF ARE BELIEVED TO BE TRUE; AND FURTHER THAT THESE STATEMENT WERE MADE WITH THE KNOWLEDGE THAT WILLPUL FALSE STATEMENTS AND THE LIKE SO MADE ARE PUNISHABLE BY FINE OR IMPRISONMENT, OR BOTH, UNDER SECTION 1001 OF TITLE 18 OF THE UNITED STATES CODE, AND THAT SUCH WILLPULFALSE STATEMENTS MAY JEOPARDIZE THE VALIDITY OF THE APPLICATION, ANY PATENT ISSUING THEREON. OR ANY PATENT TO WHICH THIS VERIFIED STATEMENT IS DIRECTED.

K AM CALL				nn 17	Director
	hived	I	Day.	OABKL	Director
IAME/TITLE OF PERSON SIGNING:	David		,,		Dr.
IAME/TITLE OF PERSON SIGNATOR	the or other	TV (SE ALAP	AMA BIRI	MINGHAM RE

ADDRESS OF PERSON SIGNING: UNIVERSITY OF ALABAMA BIRMINGHAM RESEARCH FOUNDATION, 701 SOUTH 20TH STREET, SUITE 120-G, BIRMINGHAM, ALABAMA 35294

SIGNATURE

Atty Docket No.: JHV-009.01

Jam &

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Robert I. Garver et al.

Serial No.: 09/359.593

Filed: July 23, 1999

Title: CONTROLLED RELEASE OF BIOACTIVE SUBSTANCES

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS

(37 CFR 1.9(f) & 1.27)-NONPROFIT ORGANIZATION ! HEREBY DECLARE THAT I AM AN OFFICIAL EXPOWERED TO ACT ON BEHALF OF THE NONPROFIT ORGANIZATION

IDENTIFIED BELOW: Name of Nonprofit Organization: Johns Horkins University School of Manicine Address of Nonprofit Organization: 111 MARKET PLACE, SUITE 906, BALTIMORE, MD 21202

TYPE OF NONPROFIT ORGANIZATION:

[X] UNIVERSITY OR OTHER INSTITUTION OF HIGHER EDUCATION TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 U.S.C. 501(a) and 501 (c)(3))

NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF

) (CITATION OF STATUTE [] WOULD QUALIFY AS TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 U.S.C. 501(a) and

501(c)(3)) IF LOCATED IN THE UNITED STATES OF AMERICA [] WOULD QUALIFY AS NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA IF LOCATED IN THE UNITED STATES OF AMERICA

I HEREBY DECLARE THAT THE NONPROFIT ORGANIZATION IDENTIFIED ABOVE QUALIFIES AS A NONPROFIT ORGANIZATION AS DEFINED IN 37 CFR 1.9(E) FOR PURPOSES OF PAYING REDUCED FEES TO THE UNITED STATES PATENT AND TRADEMARK OFFICE REGARDING THE INVENTION IDENTIFIED ABOVE.

I HEREBY DECLARE THAT RIGHTS UNDER CONTRACT OR LAW HAVE BEEN CONVEYED TO AND REMAIN WITH THE NONPROFIT ORGANIZATION REGARDING THE ABOVE-IDENTIFIED INVENTION.

IF THE RIGHTS HELD BY THE NONPROFIT ORGANIZATION ARE NOT EXCLUSIVE, EACH INDIVIDUAL, CONCERN OR ORGANIZATION HAVING RIGHTS IN THE INVENTION IS LISTED BELOW* AND NO RIGHTS TO THE INVENTION ARE HELD BY ANY PERSON, OTHER THAN THE INVENTOR WHO WOULD NOT QUALIFY AS AN INDEPENDENT INVENTOR UNDER 37 CFR 1.9(c) IF THAT PERSON MADE THE INVENTION, OR BY ANY CONCERN WHICH WOULD NOT QUALIFY AS A SMALL BUSINESS CONCERN UNDER 37 CFR 1.9(D) OR A NONPROFIT ORGANIZATION UNDER 37 CFR 1.9(E).

*NOTE: SEPARATE VERIFIED STATEMENTS ARE REQUIRED FROM EACH NAMED PERSON, CONCERN OR ORGANIZATION HAVING RIGHTS TO THE INVENTION AVERRING TO THEIR STATUS AS SMALL ENTITIES (37 CFR 1.27)

NAME University of Alabama Birmingham Research Foundation

ADDRESS 701 South 20th Street, Suite 1120-G, Birmingham, Alabama 35294

[] SMALL BUSINESS CONCERN [X] NONPROFIT ORGANIZATION [] INDIVIDUAL

I ACKNOWLEDGE THE DUTY TO FILE, IN THIS APPLICATION OR PATENT, NOTIFICATION OF ANY CHANGE IN STATUS RESULTING IN LOSS OF ENTITLEMENT TO SMALL ENTITY STATUS PRIOR TO PAYING, OR AT THE TIME OF PAYING, THE EARLIEST OF THE ISSUE FEE OR ANY MAINTENANCE FEE DUE AFTER THE DATE ON WHICH STATUS AS A SMALL ENTITY IS NO LONGER APPROPRIATE. (37 CFR 1.28(B))

I HEREBY DECLARE THAT ALL STATEMENTS MADE HEREIN OF MY OWN KNOWLEDGE ARE TRUE AND THAT ALL STATEMENTS MADE ON INFORMATION AND BELIEF ARE BELIEVED TO BE TRUE; AND FURTHER THAT THESE STATEMENT WERE MADE WITH THE KNOWLEDGE THAT WILLPUL FALSE STATEMENTS AND THE LIKE SO MADE ARE PUNISHABLE BY FINE OR IMPRISONMENT, OR BOTH, UNDER SECTION 1001 OF TITLE 18 OF THE UNITED STATES CODE, AND THAT SUCH WILLFUL FALSE STATEMENTS MAY JEOPARDIZE THE VALIDITY OF THE APPLICATION, ANY PATENT ISSUING THEREON, OR ANY PATENT TO WHICH THIS VERIFIED STATEMENT IS DIRECTED.

OR ANY PATENT TO WHICH THIS VERIFIED STATEMENT IS DIRECTED.	
NAME/TITLE OF PERSON SIGNING: NINA OSSANNA, PH.D., ASSOCIA ADDRESS OF PERSON SIGNING: OFFICE OF TECHNOLOGY LICENS! MEDIGINE, 111 MARKET PLACE, SUITE 906, BALTIMORE, MD 21202	
SIGNATURE On Com D.	ATE 3/15/00